REMARKS

Claims 5-9 are pending in the present application. All other claims have been canceled. Claim 5 is amended herein. No new matter has been added.

Applicant acknowledges with appreciation the allowance of claims 5-9 if rewritten or amended to overcome the rejection under 35 U.S.C. § 112, second paragraph, set forth in the Office Action. In response, claim 5 has been amended to overcome the section 112 rejection, and all other claims that do not depend from claim 5 have been canceled.

Applicant thanks the Examiner for the telephone discussion on June 21, 2010, during which Applicant proposed amending claim 5 as amended herein: "said multicast source authentication information table contains a corresponding relationship between a multicast source address and a multicast ~~address; said multicast~~ address ~~is a~~ result of an AND operation ~~with~~ on a multicast address and an address mask."

By way of further explanation, Applicant respectfully submits the following remarks in connection with the description of the present application as related to the limitations of claim 5. Applicant invites the Examiner to reference, for example, http://en.wikipedia.org/wiki/CIDR_notation , or RFC 4632. It is well-known to those skilled in the art that the multicast addresses in Table 1 of the description of the present application are expressed with CIDR notation. Table 1 from page 10 of the application is reproduced below for convenience.

Table 1

Multicast address	Attribute	Unicast Address
238.1.3/16	HS	168.202.2.2
238.1.3.1/24	NS	122.2.2.9
238.1.3.1/24	S	122.2.3.10
238.1.3.1/24	S	122.2.4.20
238.1.3.1/32	A	202.2.2.1
	A	202.2.2.3
	A	202.2.2.4

In the table, the decimal number, for example "24," following the forward slash "/" represents the number of leading 1 bits of the routing prefix or the address mask according to the specification of CIDR notation. For example, the multicast address result "238.1.3.1/24" in Table 1 is given by performing an AND operation on multicast address "238.1.3.1" and address mask "255.255.255.0," which is represented by the decimal number "24". The multicast address result indicates a range of IP addresses from 238.1.3.0 to 238.1.3.255.

Accordingly, Applicant respectfully submits that claim 5 complies with 35 U.S.C. § 112, second paragraph, and that pending claims 5-9 should now be allowable.

In view of the above, Applicant respectfully submits that this response complies with 37 C.F.R. § 1.116. Applicant further submits that the claims are in condition for allowance. No new matter has been added by this amendment. If the Examiner should have any questions, please contact Applicant's attorney at the number listed below.

The Commissioner is hereby authorized to charge any fees that are due, or credit any overpayment, to Deposit Account No. 50-1065.

Respectfully submitted,

June 21, 2010　　　　　　　　　　　/Brian A. Carlson/
Date　　　　　　　　　　　　　　　Brian A. Carlson
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